



FIG. 1

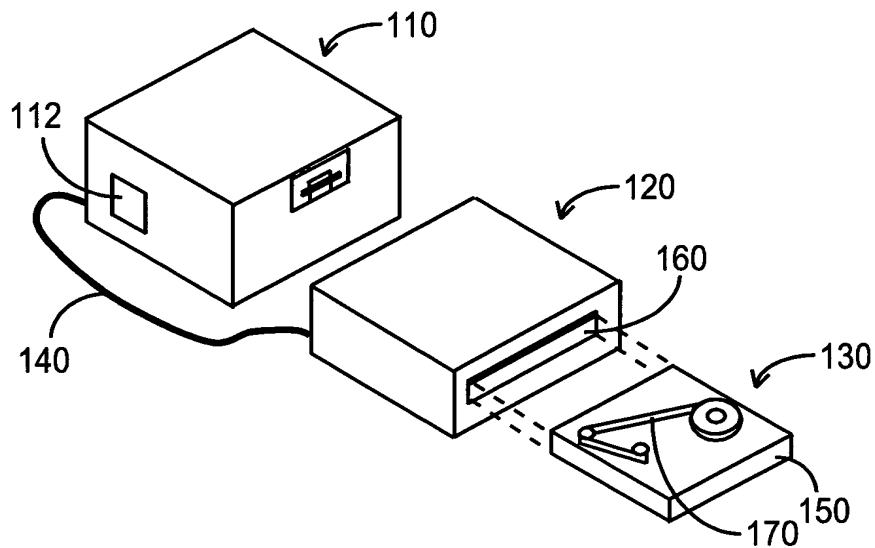


FIG. 2

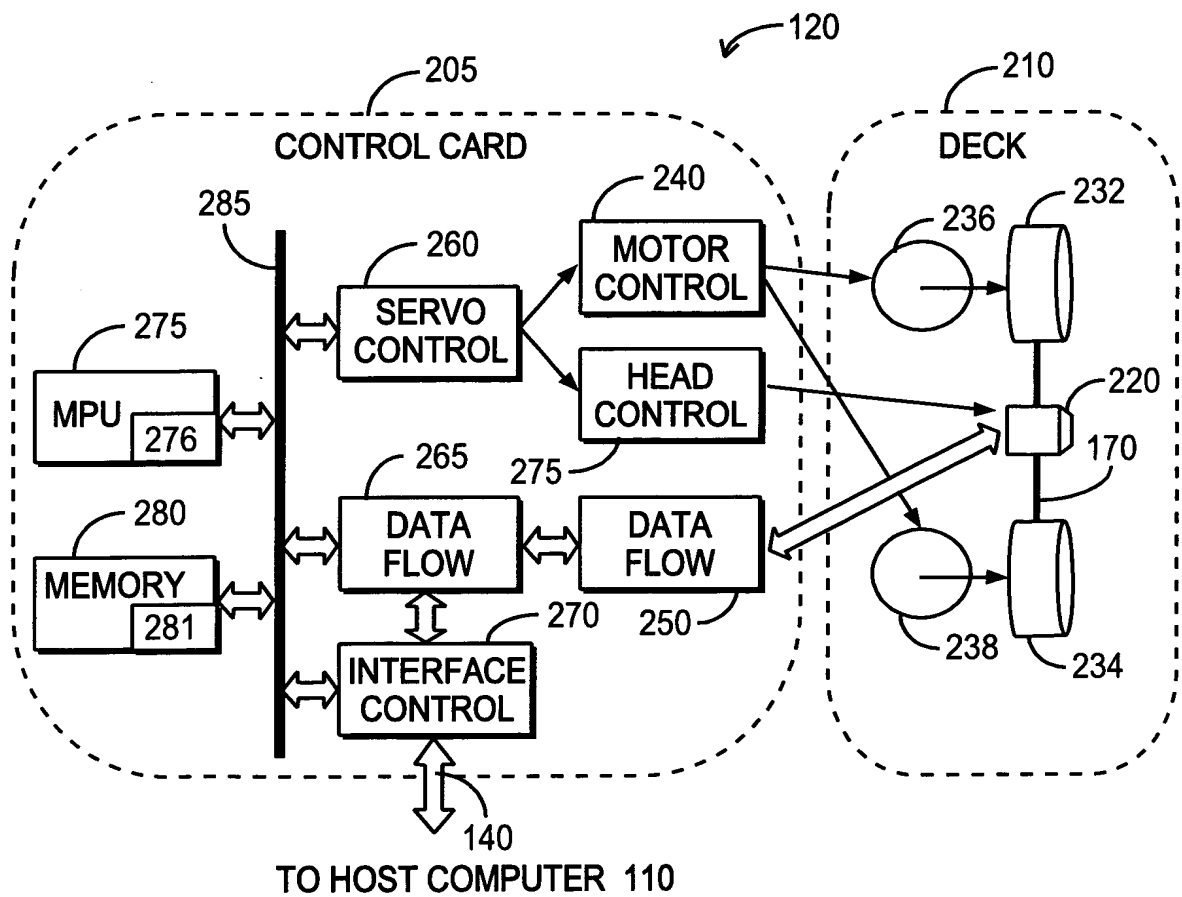




FIG. 3

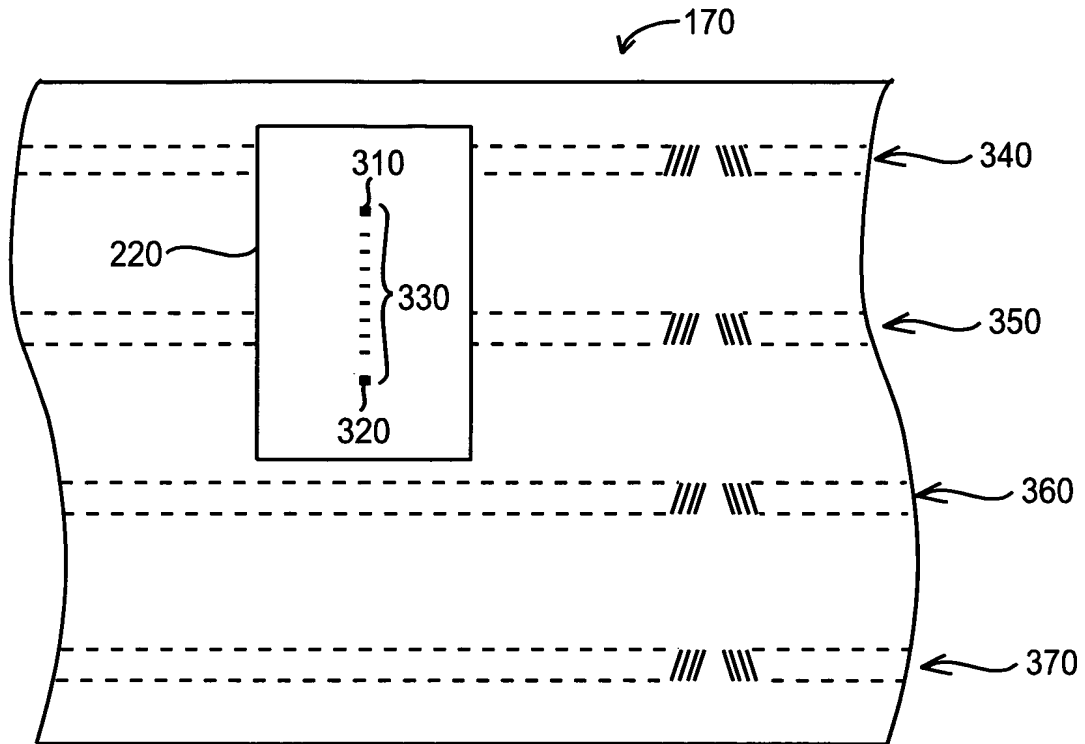
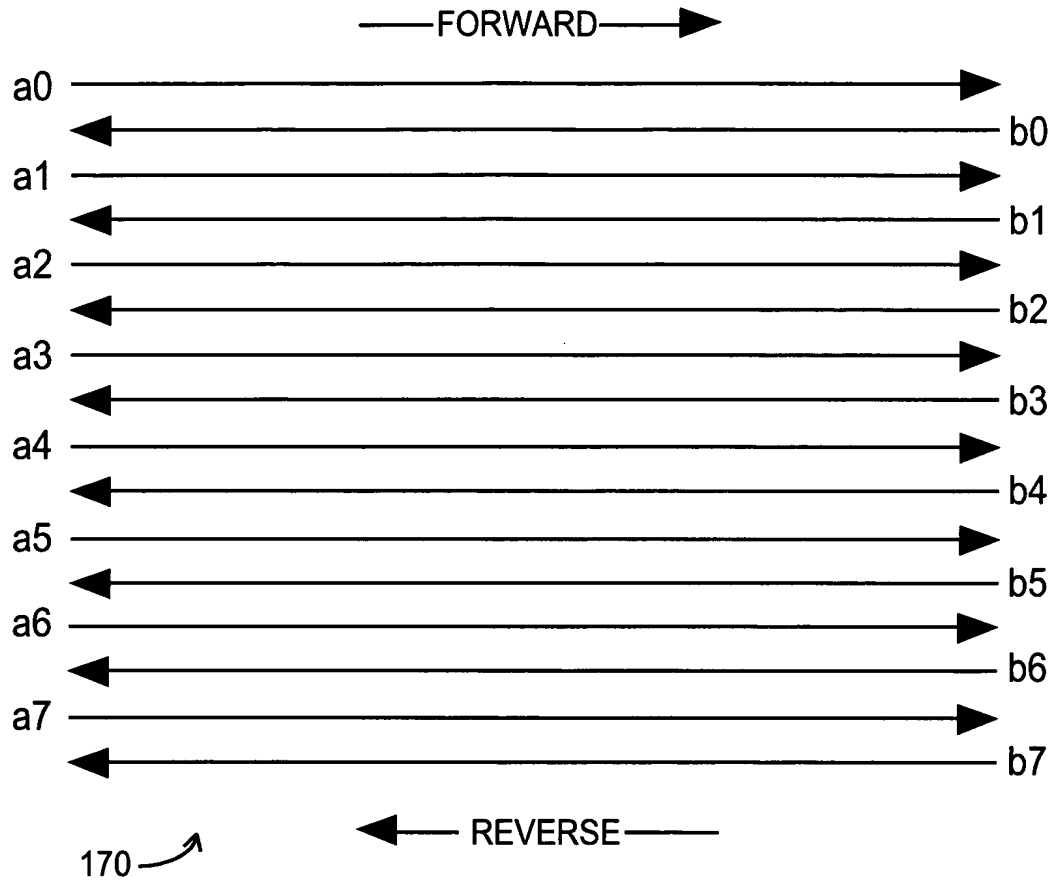




FIG. 4



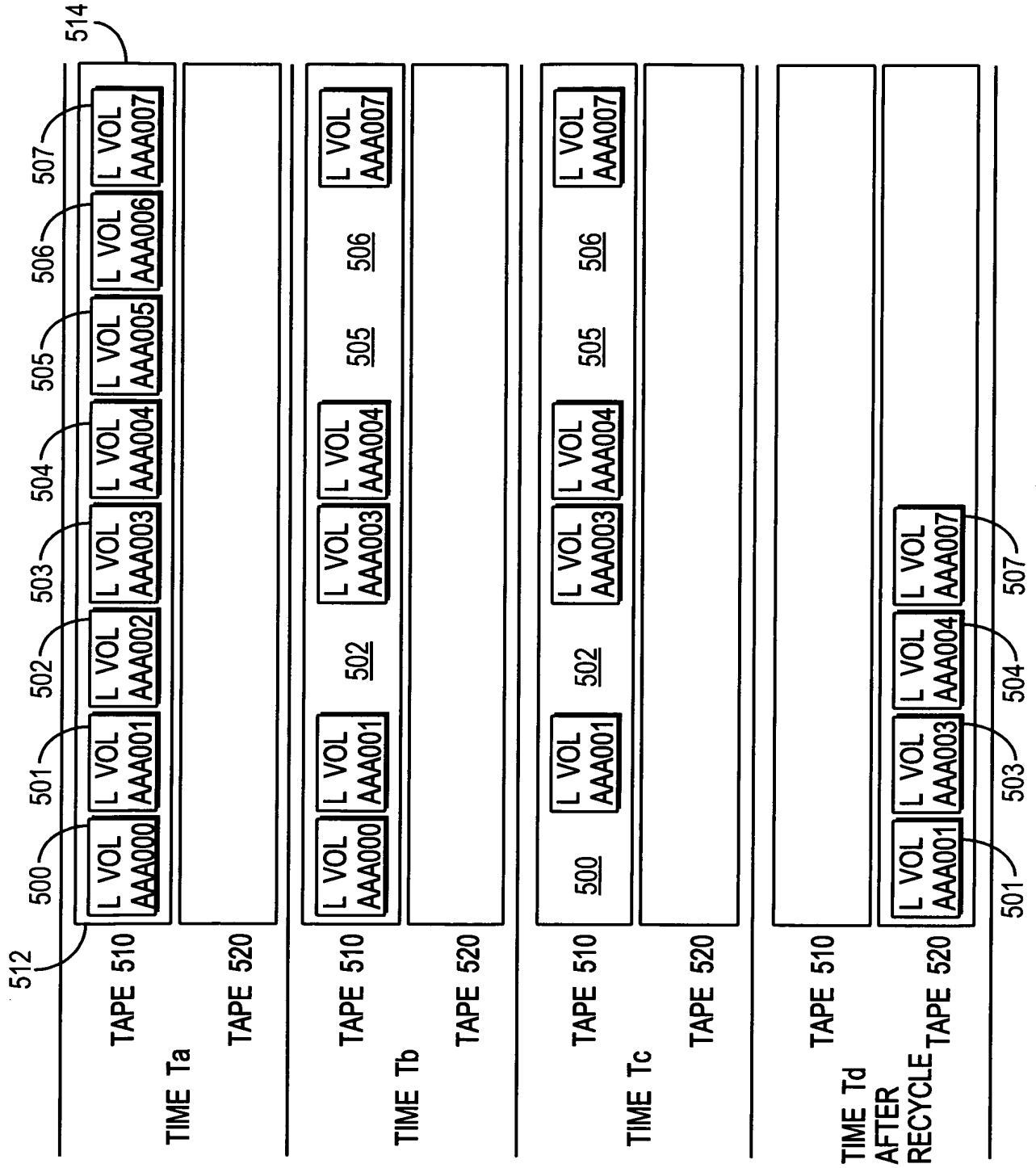


FIG. 5



FIG. 6

```
while(not_at_end_of_tape){  
    READ + N transactions ~ 610  
    SKIP next + M transactions ~ 620  
}  
//where N and M are integers
```

↖ 600



FIG. 7

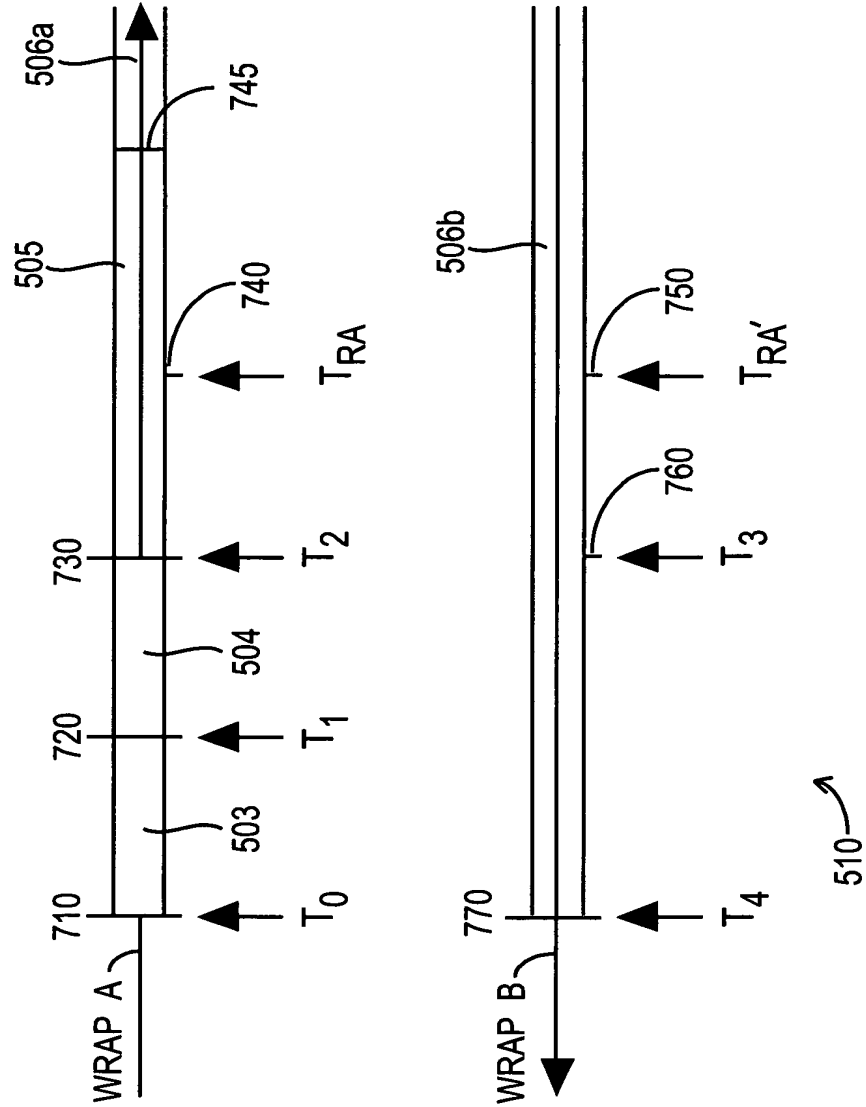




FIG. 8

```
while(not_at_end_of_tape){  
    READ + (N - X) transactions ~ 810  
    LOCATE LOOK AHEAD over next +M transactions ~ 820  
    READ + X transactions ~ 830  
    SKIP next + M transactions ~ 840  
}  
  
//where N,M, and X, are integers  
    ↖ 800
```



FIG. 9A
PRIOR ART

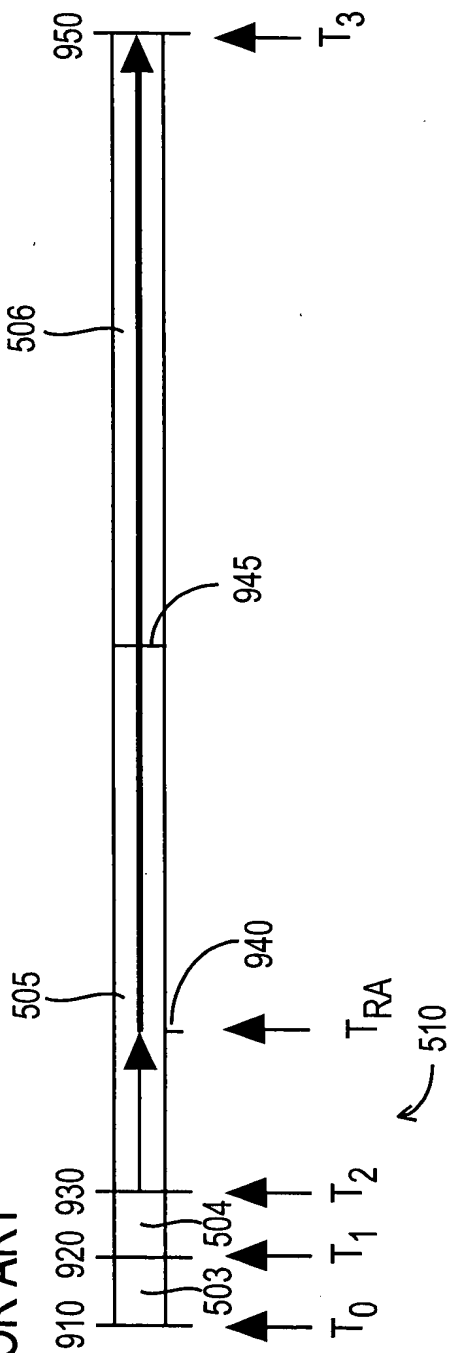


FIG. 9B

